Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0009	Overall LMA	Total LMA						
Lake County Watershed Protection	Rating	Miles						
District	M	9.89						
			nce Deficiancy		Enforc	ement		k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	scence U Miles
Earthen Levee								
Vegetation	0.23	0.07	0.51	5.15%	0.11	0.06		
Trim / Thin Trees	0.52		0.52	5.26%				
Encroachments	0.02		0.02	0.20%	0.78	0.19		
Animal Control	0.01		0.01	0.10%				
Slope Stability	0.04		0.04	0.40%				
Supplemental								
DWR UCIP Field Study					0.25	0.02		
LMA Totals:	0.82	0.07	1.10	11.12%	1.14	0.27	0.00	0.00
Unit No. 01 Middle Creek LB	Overall Unit Rating	Total Unit Miles						
NA0009	M	3.35						
		Maintena	nce Deficiancy		Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			1					
Vegetation	0.18	0.07	0.46	13.73%	0.08			
Trim / Thin Trees	0.15		0.15	4.48%				
Encroachments					0.50	0.03		
Slope Stability	0.04		0.04	1.19%				
Supplemental	I		I					
DWR UCIP Field Study					0.03			
Unit Totals:	0.37	0.07	0.65	19.40%	0.61	0.03	0.00	0.00
Unit No. 02 Middle Creek RB	Overall Unit Rating	Total Unit Miles						
NA0009	A	2.66						
		Maintena	nce Deficiancy		Enforc	ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	I		1					
Vegetation	0.02		0.02	0.75%				
Trim / Thin Trees	0.19		0.19	7.13%				
Encroachments	0.02		0.02	0.75%	0.20	0.04		
Supplemental								
DWR UCIP Field Study					0.08	0.01		
Unit Totals:	0.23	0.00	0.23	8.64%	0.28	0.05	0.00	0.00

Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 03 Scotts Creek LB	Overall Unit	Total Unit						
onit No. 03 George Greek EB	Rating	Miles						
NA0009	Α	1.36						
		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			T					
Vegetation	0.02		0.02	1.47%		0.06		
Trim / Thin Trees	0.06		0.06	4.41%				
Encroachments						0.12		
Supplemental			T					
DWR UCIP Field Study					0.07			
Unit Totals:	0.08	0.00	0.08	5.88%	0.07	0.18	0.00	0.00
Unit No. 04 Page, Alley and Clover Creek Diversion RB	Overall Unit Rating	Total Unit Miles						
NA0009	Α	1.49						
		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			1					
Vegetation					0.03			
Trim / Thin Trees	0.11		0.11	7.40%				
Encroachments					0.07			
Supplemental								
DWR UCIP Field Study					0.01	0.01		
Unit Totals:	0.11	0.00	0.11	7.40%	0.11	0.01	0.00	0.00
Unit No. 05 Clover Creek and Clover Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0009	Α	1.03						
Data di Ita sa		Maintena	nce Deficiancy		Enforcement		Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.97%				
Trim / Thin Trees	0.01		0.01	0.97%				
Encroachments					0.01			
Animal Control	0.01		0.01	0.97%				
Supplemental								
DWR UCIP Field Study					0.06			
Unit Totals:	0.03	0.00	0.03	2.91%	0.07	0.00	0.00	0.00

LMA District Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)					
† Overall LMA Rating (Fall Only)			M						
** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.									

† SPRING INSPECTIONS:	Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.
FALL INSPECTIONS:	The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indiction of risk.
Comments	

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway	Bank	Unit Miles
Unit No. 01 Middle Creek	Left	3.35

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			М	
Date of Inspection	5/2/2016 - 5/2/2016		9/27/2016 - 9/28/2016	
DWR Inspector	Keith Millard		Tariq Chechi	
Accompanied By	Tom Smythe Lake County		Will Evans Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

	_						
LM Start		Rating **	Α	Issue No.		1	
LM End		Issue Type +	Ma	Location *		LS	
Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End	
Item	Operation	s & Maintena	nce		0		0
item	Manuals					0	
DWR ID DWR_NA0009_01_s _ 2013_1							
	Comment Code						
		Inspecto	or Comm	nent			
The LMA has the O&M manuals.							

No Photos

LM Start		Rating **	Α	Issue No.		9	
LM End		Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS La	GPS Latitude/Longitude			
Category				Start		End	
Item	Emergency Supplies &				0		c
item	m Equipment			0			c
DWR ID	DWR_NA0	009_01_s _ 201	3_9				
		Comn	nent Cod	de			
	Inspector Comment						

The LMA has adequate flood fight supplies and equipment.

No Photos

LM Start		Rating **	Α	Issue No.		10	
LM End		Issue Type +	Ма	Location *		LS	
Earthen Levee				GPS La	atituc	de/Longitude	
Category		Start			End		
Item	Flood Pre	paredness &	Training		0		0
itom							0
DWR ID	DWR ID DWR_NA0009_01_s _ 2013_10						
		Comn	nent Cod	le			
		la a a a a t	0				
		Inspecto	or Comm	ient			
The LMA completed flood fight training in 2016.							

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.14	Rating **	М	Issue No.		24	
LM End	0.22	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		39.1884	65 °	39.187392°	
пеш				-122.9076	87°	-122.907885°	
DWR ID DWR_NA0009_01_f _ 2015_24							
		Comn	nent Cod	de			
FE : Fence	9						
		Inspecto	or Comm	nent			
Remove the fence from the landside toe.							

Photo 1 of 1 : FA_2016_NA0009_3_24_20160823_00014.jpg

View of the fence along the landside toe.

LM Start	0.26	Rating **	М	Issue No.	11		
LM End	0.26	Issue Type +	Ma	Location *	LS		
Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Trim / Thi	n Trees		39.1867	77°	39.186777°	
пеш				-122.9081	02 °	-122.908102°	
DWR ID DWR_NA0009_01_s _ 2013_11							
Comment Code							

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



View of the overgrown trees at the landside slope.

LM Start	0.32	Rating **	М	Issue No.		21	
LM End	0.32	Issue Type +	En	Location *		LS	
Category	Earthen L	evee	GPS La	atitud	e/Longitude		
Calegory				Start		End	
Item	Encroachi	ments		39.1860	55°	39.186055°	
item				-122.9085	83°	-122.908583°	
DWR ID	DWR_NA0	009_01_f _ 201	5_21				
		Comn	nent Cod	de			
PR : Pruni	ngs						
Inspector Comment							
Remove the prunings from the landside slope.							



Remove the prunings from the landside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.56	Rating **	М	Issue No.	535		
LM End	0.56	Issue Type +	En	Location *		LS	
Category	ental		GPS La	atitud	le/Longitude		
Calegory				Start End			
Item	DWR UCI	P Field Study		39.1835	19°	39.183519°	
пеш				-122.9113	79°	-122.911379°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:26943 DS_ID:21193 EP_NO: 5237

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe appears abandoned and should be done so

properly.

FIELD_STRUCT_DESC: *ABANDONED* 6-inch steel pipe possibly sleeved through an 8-inch steel pipe, 3.0-feet below the crown. Siphon breaker in 24-inch CMP riser on the landward slope. Reinforced concrete cutoff wall at center of levee. Butterfly valve on the waterward side at pump on concrete base on the waterward bank, installed under Permit No. 5237 (1971). Pole on the waterward berm, with overhead power line supplying electricity to pump. Originally included in the 1961 O+M manual.

FS Date: 1/9/2014

LM Start	0.56	Rating **	М	Issue No.	535 (cont)
LM End	0.56	Issue Type +	En	Location *	LS



Pipe and siphon breaker visible on LS slope.

Photo 2 of 2: UCIP_FA_2016_26943_49781.jpg



Power pole, meter, and pump visible on WS berm.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.84	Rating **	М	Issue No.		536	
LM End	0.84	Issue Type +	En	Location *	LS		
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	DWR UC	IP Field Study		39.1795	34°	39.179534°	
пеш				-122.9125	12 °	-122.912512°	
DWR ID							

Comment Code

Inspector Comment

FS_ID:26946 DS_ID:21196 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pump and pipe appear abandoned and should be

done so properly.

FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Siphon breaker in 24-inch CMP riser on landward slope. Pump on the waterward bank with a butterfly valve. Service pole on the waterward berm. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.83).

FS Date: 1/9/2014

LM Start	0.84	Rating **	М	Issue No.	536 (cont)
LM End	0.84	Issue Type +	En	Location *	LS

Photo 1 of 2: UCIP_FA_2016_26946_49789.jpg



Siphon breaker in 24-inch cmp riser with vent on LS shoulder.

Photo 2 of 2: UCIP_FA_2016_26946_49788.jpg



Pump, pole, and meter on WS berm.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

		5 11 44					
LM Start	1.15	Rating **	М	Issue No.		27	
LM End	1.41	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachi	ments		39.1754	65°	39.172077°	
пеш				-122.9120	12°	-122.914226°	
DWR ID DWR_NA0009_01_s _ 2016_27							
		Comn	nent Cod	de			
TR : Tree	or limb						
		Inspecto	or Comm	nent			
Orchard trees should be trimmed to 5' above LS slope.							



5/2/2016: Trip trees on L/S slope.

Photo 1 of 1: FA_2016_NA0009_3_290_20160823_00021.jpg

LM Start	1.57	Rating **	A/W	Issue No.		290		
LM End	1.57	Issue Type +	En	Location *		LS		
Category Earthen Levee				GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroach	ments	39.1699	18°	39.169918°			
пеш				-122.9151	97°	-122.915197°		
DWR ID	DWR_NA0	009_01_f _ 201	4_290					
		Comn	nent Cod	de				
PR : Pruni	ngs							
	Inspector Comment							



view of the prunings diong the landside toe.

LM Start	2.12	Rating ***	U	issue ivo.	26			
LM End	2.12	Issue Type +	En	Location *		LS		
Cotogon Earthen Levee				GPS Latitude/Longitude				
Category			Start		End			
Item	Encroach	ments		39.1619	95°	39.161995°		
item			-122.915383 °		-122.915383°			
DWR ID	DWR_NA0	009_01_s _ 201	6_26					
		Comn	nent Coo	le				
MA : Mate	rial							
		Inspecto	or Comm	ent				
Remove la	Remove large gravel piles from LS toe.							



5/2/2016: Remove large gravel piles from L/S toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.29	Rating **	М	Issue No.		13	
LM End	2.29	Issue Type +	Ma	Location *		WS	
Category	evee	GPS La	titud	e/Longitude			
Calegory				Start		End	
Item	Slope Sta	39.1602	85 °	39.160285°			
пеш				-122.9134	81 °	-122.913481 °	
DWR ID	DWR_NA0	009_01_s _ 201	3_13				
		Comn	nent Cod	de			
S3 : Repai access wh		slope damag le.	ed by ve	ehicle traffic	and	l prevent	
		Inspecto	or Comm	nent			



View of the vehicle erosion along the waterside slope.

LM Start	2.35	Rating **	М	Issue No.		537
LM End	2.35	Issue Type +	En	Location *		WS
Category	Suppleme	ental		GPS La	titud	e/Longitude
Calegory	Category					End
Item	DWR UCI	P Field Study		39.16100)2 °	39.161002°
item				-122.91284	13°	-122.912843 °
DWR ID						·

Inspector Comment

Comment Code

FS_ID:27004 DS_ID:21199 EP_NO: 11460

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on waterward end. Concrete headwall on both ends. Originally included in 1961 O+M manual. Pipe retained under ABO No. 11460 (1975).

FS Date: 1/14/2014

Photo 1 of 2: UCIP_FA_2016_27004_49862.jpg



Heavy vegetation at inlet on LS toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.35	Rating **	М	Issue No. 537 (cont)		
LM End	2.35	Issue Type +	En	Location *	WS	
Category	ental	GPS La	tituc	le/Longitude		
Calegory		Start		End		
Item	DWR UCI	P Field Study		39.1610	02 °	39.161002°
пеш					43 °	-122.912843°
DWR ID						
Comment Code						

Inspector Comment

FS_ID:27004 DS_ID:21199 EP_NO: 11460

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on waterward end. Concrete headwall on both ends. Originally included in 1961 O+M manual. Pipe retained

under ABO No. 11460 (1975). FS Date: 1/14/2014

Photo 2 of 2: UCIP_FA_2016_27004_49861.jpg



Concrete U-shaped headwall on WS berm.

2.36 Rating ** М Issue No. LM Start 14 Issue Type + Location * WS 2.36 Ма LM End Earthen Levee GPS Latitude/Longitude Category Start End Slope Stability 39.161153° 39.161153 ° Item -122.912740° -122 912740 DWR ID DWR_NA0009_01_s _ 2013_14 Comment Code

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Photo 1 of 1: FA_2016_NA0009_3_14_20160823_00008.jpg



View of the vehicle erosion along the waterside slope.

N : Not Inspected/Rated C : Corrected + Issue Type
Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.38	Rating **	М	Issue No.		15	
LM End	2.41	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		39.1613	81 °	39.161708°	
iteiii		-122.912551 ° -122.91				-122.912168°	
DWR ID	DWR_NA0	009_01_s _ 201	3_15				
		Comn	nent Cod	de			
T1 : Trim t	rees to at I	east five feet	above g	round level.			
		Inchact	or Comm	ont			
		mspecii	JI COIIIII	ICIIL			



Trim the trees up 5 feet to allow visibility.

LM Start	2.38	Rating **	М	Issue No.		23
LM End	2.41	Issue Type +	Issue Type + Ma			LS
Category	evee	GPS La	atitud	e/Longitude		
Calegory						End
Item	Vegetatio	egetation			15°	39.161722°
пеш			-122.9124	93 °	-122.912153°	
DWR ID	DWR_NA0	009_01_f _ 201	5_23			

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the vegetation from the landside slope and toe.

Photo 1 of 1: FA_2016_NA0009_3_23_20160823_00013.jpg



View of the vegetation along the landside slope & toe.

Photo 1 of 1: FA_2016_NA0009_3_16_20160823_00010.jpg

LM Start	2.40	Rating **	М	Issue No.		16		
LM End	2.40	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory			Start		End			
Item	Slope Sta	bility		39.16160)1 °	39.161601°		
item			-122.91230)3 °	-122.912303°			
DWR ID	DWR_NA0	009_01_s _ 201	3_16					
Comment Code								

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment



View of the vehicle erosion along the waterside slope.

* Location		** Rating		+ Issue Type
LS: Land Side	N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR · Crown		II · I Inaccentable	AMM · Acceptable but Monitor & Maintain	En · Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

	0.40	D-+: **		Issus Na			
LM Start	2.42	Rating **	М	Issue No.		17	
LM End	2.42	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Itom	Slope Stability 39.161802 -122.912020				802°	39.161802°	
пеш					20°	-122.912020°	
DWR ID DWR_NA0009_01_s _ 2013_17							
		Comn	nent Cod	de			
	ir the levee ere possib	slope damag le.	jed by ve	ehicle traffic	anc	d prevent	
Inspector Comment							



View of the erosion caused by vehicle along the landside slope.

LM Start	2.47	Rating **	М	Issue No.	7	
LM End	2.59	Issue Type +	En	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Category			Start		End	
Encroachments				39.161692°		39.160217°
item				-122.91174	48 °	-122.912957°
DWR ID	DWR_NA0					
Comment Code						

BU: Building

Inspector Comment

Photo 1 of 1 : FA_2016_NA0009_3_7_20160823_00004.jpg

View of a building & fence along the toe of the levee.

LM Start	2.48	Rating **	U	Issue No.		3
LM End	2.55	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Vegetation			39.161615°		39.160804°
item				-122.911733 °		-122.912536°
DWR ID DWR_NA0009_01_s _ 2012_3						
Comment Code						

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



View of the vegetation along the landside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.48	Rating **	U	Issue No.		3 (cont)	
LM End	2.55	Issue Type +	Ма	Location *		LS	
Cotogony	Earthen L	evee		GPS La	atituc	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		39.1616	15°	39.160804°	
item			-122.911733 °			-122.912536°	
DWR ID DWR_NA0009_01_s _ 2012_3							
		Comn	nent Cod	de			
V2 : Remo slopes.	ove the wild	growth other	than na	tive grasse	s fro	m the levee	
		Inspecto	or Comm	nent			



View of the vegetation along the landside slope.

LM Start	2.58	Rating **	М	Issue No.		5		
LM End	2.66	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Vegetation			39.1604	43°	39.159308°			
пеш	Item				45°	-122.913417°		
DWR ID	DWR ID DWR_NA0009_01_s _ 2012_5							
		Comn	nent Cod	de				
V6 : Lands	scaping							
Inspector Comment								



LM Start	2.58	Rating **	М	Issue No.		4		
LM End	2.61	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroachments			39.1603	98°	39.160020°		
nem				-122.912837 °		-122.913186°		
DWR ID	DWR ID DWR_NA0009_01_s _ 2012_4							
		Comn	nent Cod	de				
FE : Fence	Э							
	Inspector Comment							



View of the fences at the Landside toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.60	Rating **	М	Issue No.		22	
LM End	2.65	Issue Type +	Ma	Location *		WS	
Catagory	Category Earthen Levee			GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thin Trees			39.1601	90°	39.159523	0
пеш				-122.913039°		-122.913402	0
DWR ID	DWR ID DWR_NA0009_01_f _ 2016_22						
		Comn	nent Coo	de			
T3 : Trim a flood fight.		es to allow vi	sibility of	the ground	and	I room to	
		Inspecto	or Comm	nent			

No Photos

Rating ** Issue No. LM Start 2.66 Μ Issue Type + Location * LS LM End 2.81 Ма Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 39.159304° 39.157252° -122.913422 -122.913993 ° DWR_NA0009_01_s _ 2012_6 Comment Code

No Photos

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

LM Start	2.85	Rating **	С	Issue No.		30	
LM End	2.85	Issue Type +	Ma	Location *	LS		
Category	Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start End		End	
Item	Trim / Thin Trees			39.1565	88°	39.156588°	
item				-122.9142	24°	-122.914224°	
DWR ID	DWR_NA0	009_01_s _ 201	6_30				
Comment Code							
T1 : Trim trees to at least five feet above ground level.							

Inspector Comment

No Photos

* Location LS: Land Side

WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.93	Rating **	U	Issue No.		31
LM End	2.93	Issue Type +	En	Location *		LS
Category Earthen Levee		GPS Latitude/Longitude				
		Start		End		
Item	Encroachments			39.1555	53°	39.155553°
пеш				-122.9145	60°	-122.914560 °
DWR ID	WR ID DWR_NA0009_01_s _ 2016_31					
		Comn	nent Cod	de		
BU : Buildi	ng					
		Inspecto	or Comm	nent		
Two wooden sheds, one large, one small, with metal roofs.						



5/2/2016: Remove or relocate 2 unpermitted sheds on L/S slope and toe.

LM Start	2.95	Rating **	М	Issue No.		25	
LM End	2.95	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thin Trees			39.1553	01°	39.155301	0
item			-122.9146	33 °	-122.914633	0	
DWR ID	ID DWR_NA0009_01_s _ 2016_25						
Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Trim trees to 5' above levee slope (LS). 4/19/2016

LM Start	2.97	Rating **	M	Issue No.		12	
LM End	2.97	Issue Type +	Ма	Location *		LS	
Category	Category Earthen Levee			GPS La	atitud	e/Longitude	
Category	Category				Start		
Item	Trim / Thi	n Trees		39.1548	89°	39.154889	0
пеш				-122.9147	'16 °	-122.914716	٥
DWR ID	DWR ID DWR_NA0009_01_f _ 2016_12						
		Comp	ant Coc	la			

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	3.10	Rating **	М	Issue No.		32	
LM End	3.10	3.10 Issue Type + Ma Location * L				LS	
Category	Category Earthen Levee			GPS L	atitud	e/Longitude	
Category				Start		End	
Item	Trim / Thin Trees			39.1531	44 °	39.153144	0
item	item				38°	-122.914538	0
DWR ID	DWR_NA0	009_01_s _ 201	6_32				
		Comn	nent Cod	de			
T2: Thin t	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.	
		Inspecto	or Comm	nent			

No Photos

LM Start	3.10	Rating **	U	Issue No.		33	
LM End	3.10	Issue Type +	En	Location *	LS		
Cotogony	Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachments			39.1530	17°	39.153017 °	
пеш				-122.914491 °		-122.914491 °	
DWR ID	DWR_NA0	009_01_s _ 201	6_33	'			
		Comn	nent Cod	de			
BU : Buildi	ng						
		Inspecto	or Comm	nent			
Small meta	al shed sh	ould be remov	ed.				

Photo 1 of 1 : FA_2016_NA0009_3_33_20160823_00020.jpg



5/2/2016: Remove or relocate unpermitted shed on L/S toe.

Photo 1 of 1: FA_2016_NA0009_3_534_20160823_00022.jpg

LM Start	3.26	Rating **	М	Issue No.		534
LM End	3.26	Issue Type +	Ма	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory	Sategory .			Start End		End
Item	Trim / Thin Trees			39.1509	57°	39.150957°
item				-122.9135	04°	-122.913504°
DWR ID	DWR_NA0	009_01_s _ 201	5_534			·
		Comn	nent Coc	le		
T2: Thin trees to allow visibility of the ground and room to flood fight.						
		Inspecto	or Comm	ent		



Remove the trees from the landside toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/27/2016 09/28/2016	Tariq Chechi

LM Start	3.28	Rating **	M	Issue No.		19
LM End	3.28	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		39.1506	73°	39.150673°
пеш				-122.913355 °		-122.913355 °
DWR ID DWR_NA0009_01_f _ 2016_19						
		Comn	nent Coc	de		
T2 : Thin to	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.
		Inspecto	or Comm	nent		

No Photos

Rating ** Issue No. LM Start 3.30 Μ 20 Issue Type + Location * LS LM End 3.30 Ма Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 39.150325° 39.150325° -122.913161 ° -122.913161 ° DWR ID DWR_NA0009_01_f _ 2016_20 Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway	Bank	Unit Miles
Unit No. 02 Middle Creek	Right	2.66

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	5/2/2016 - 5/2/2016		9/27/2016 - 9/28/2016	
DWR Inspector	Keith Millard		Tariq Chechi	
Accompanied By	Tom Smythe Lake County		Will Evans Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.02	Rating **	М	Issue No.		4	
LM End	0.14	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	Trim / Thin Trees			40°	39.187900°	
пеш				-122.908065 °		-122.908655 °	
DWR ID DWR_NA0009_02_s _ 2013_4							
	Comment Code						
T1 : Trim t	rees to at l	east five feet	above g	round level.			
Inspector Comment							
Trim the trees up 5 feet to allow visibility.							



View of the overgrown trees at the landside toe.

Photo 1 of 1: FA_2016_NA0009_4_19_20160823_00010.jpg

LM Start	0.08	Rating **	М	Issue No.		19
LM End	0.08	Issue Type +	Ма	Location *		LS
Catagori Earthen Levee			GPS Latitude/Longitude			
Calegory	Category			Start		End
Item	Vegetation			39.188772°		39.188772°
пеш					65°	-122.908465 °
DWR ID	DWR_NA0	009_02_s _ 201	4_19			
Comment Code						
V4 : Elderberries are blocking visibility and flood fight capability.						

Inspector Comment

	*	
	No.	04/09/2015

View of the elderberries along the landside toe.

LM Start	0.20	Rating **	U	Issue No.		1
LM End	0.20	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Encroachments			39.1870	39°	39.187039°
item				-122.908880 °		-122.908880 °
DWR ID DWR_NA0009_02_s _ 2016_1						
		Comn	nent Cod	de		
BU : Buildi	ng					
Inspector Comment						



View of the building on the landside toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.24	Rating **	М	Issue No.		9
LM End	0.27	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		39.1867	'39 °	39.186389°
item			-122.909436 °		-122.909821 °	
DWR ID DWR_NA0009_02_s _ 2013_9						
	Comment Code					
T1 : Trim t	rees to at I	east five feet	above g	round level		
		Inspecto	or Comm	nent		



View of the overgrown trees and vegetation at the landside toe.

LM Start	0.38	Rating **	М	Issue No.		17
LM End	0.38	Issue Type +	Ma	Location *	LS	
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Encroachi	ments		39.1852	39°	39.185239°
пеш				-122.9110	18°	-122.911018°
DWR ID DWR_NA0009_02_f _ 2016_17						
Comment Code						

PR : Prunings

Inspector Comment

Photo 1 of 1 : FA_2016_NA0009_4_17_20161003_00035.jpg



View of the prunings along the landside toe.

LM Start	0.42	Rating **	М	Issue No.	23		
LM End	0.57	Issue Type +	En	Location *	LS		
Category	GPS La	atitud	le/Longitude				
Category	Category					End	
Item	Encroachments			39.1848	12°	39.182825	0
item				-122.9116	47°	-122.912168	0
DWR ID	DWR_NA0	009_02_f _ 201	6_23				
		Comn	nent Cod	de			
FE : Fence	•						

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR · Crown	U : Unacceptable	A/W · Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.48	Rating **	М	Issue No.		27
LM End	0.48	Issue Type +	En	Location *	LS	
Supplemental				GPS Latitude/Longitude		
Category				Start		End
Item	DWR UC	P Field Study		39.18408	o°	39.184080°
пеш				-122.91213	o°	-122.912130°
DWR ID						,

Inspector Comment

Comment Code

FS_ID:27563 DS_ID:24761 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

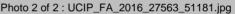
UCIP Comments: No Permit identified for crossing.
FIELD_STRUCT_DESC: 1.5-inch HDPE irrigation pipe through the levee at unknown depth below the crown. Pipe visible on WS berm

slope. Pumphouse on LS toe. FS Date: 1/14/2014 7:19:18 AM

LM Start	0.48	Rating **	М	Issue No.	27 (cont)
LM End	0.48	Issue Type +	En	Location *	LS



Pipe visible just downstream from stormdrain.





Pipe visible just downstream from stormdrain.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.49	Rating **	M	Issue No.	20		
LM End	0.51	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi		39.1840	01°	39.183676°		
item				-122.912139°		-122.912179°	
DWR ID	DWR_NA0	009_02_s _ 201	6_20				
		Comn	nent Cod	de			
T2 : Thin to	rees to allo	w visibility of	the grou	nd and roo	n to	flood fight.	
Inspector Comment							
Remove la	rge downe	ed pine tree br	ranch on	LS toe.			

Photo 1 of 1: FA_2016_NA0009_4_20_20160823_00011.jpg

View of the fallen tree branch on landside slope and toe.

LM Start	0.50	Rating **	U	Issue No.		34
LM End	0.50	Issue Type +	En Location *			LS
Category	Suppleme	ental		GPS La	atitud	le/Longitude
Calegory	Category					End
Item	DWR UCI	P Field Study		39.1837	75°	39.183775°
пеш				-122.9121	87°	-122.912187°
DWR ID						

Comment Code

Inspector Comment

FS_ID:43053 DS_ID:21209 EP_NO: 8513 Repair Type: Urgent Crossing Status: Found

UCIP Comments: Appears pipe is leaking on WS toe of Levee at mud

pit

FIELD_STRUCT_DESC: 1 of 2: 1.25-inch steel pipe through the levee, 2.0 feet below the levee. Steel cutoff wall around pipe at center of levee. Well with 8-inch casing on waterward slope. (Permit No. 8513-1974)

FS Date: 1/14/2014



Pump and pipe visible at wooden box on WS berm.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.50	Rating **	U	Issue No.	34 (cont)		
LM End	0.50	Issue Type +	En	Location *	LS		
Category	ental	GPS Latitude/Longitude					
Calegory						End	
Item	DWR UCI		39.1837	75 °	39.183775°		
пеш			-122.91218	37°	-122.912187°		
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:43053 DS_ID:21209 EP_NO: 8513 Repair Type: Urgent Crossing Status: Found

UCIP Comments: Appears pipe is leaking on WS toe of Levee at mud

FIELD_STRUCT_DESC: 1 of 2: 1.25-inch steel pipe through the levee, 2.0 feet below the levee. Steel cutoff wall around pipe at center of levee. Well with 8-inch casing on waterward slope. (Permit No. 8513-1974)

FS Date: 1/14/2014



Mudpit at WS berm were pipe may be leaking.

LM Start	0.55	Rating **	М	Issue No.	33		
LM End	0.55	Issue Type +	En	Location *	LS		
Category	ental	GPS Latitude/Longitude					
Category			Start		End		
Item	DWR UCI	P Field Study		39.18313	30°	39.183130°	
пеш			-122.91219	98 °	-122.912198°		
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:27208 DS_ID:21210 EP_NO: 11482

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Fence on LS slope creates access issue. FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.54). This pipe was retained under ABO No. 11482 (1975).

FS Date: 1/14/2014



Concrete headwall on LS toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.55	Rating **	М	Issue No.	33 (cont)			
LM End	0.55	Issue Type +	En	Location *	LS			
Supplemental				GPS Latitude/Longitude				
Calegory			Start		End			
Item	DWR UCI	DWR UCIP Field Study			80°	39.183130°		
пеш					8°	-122.912198°		
DWR ID	DWR ID							
Comment Code								

Inspector Comment

FS_ID:27208 DS_ID:21210 EP_NO: 11482

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Fence on LS slope creates access issue. FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.54).

This pipe was retained under ABO No. 11482 (1975).

FS Date: 1/14/2014



Flapgate and concrete headwall on WS berm.

LM Start	0.95	Rating **	М	Issue No.		24			
LM End	0.99	Issue Type +	En	Location *	LS				
Category Earthen Levee				GPS La	atitud	le/Longitude			
Category				Start		End			
Item	Encroachi	Encroachments			51°	39.176937°			
item				-122.913802 °		-122.913576°			
DWR ID	DWR_NA0	009_02_f _ 201	6_24						
		Comn	nent Coo	le					
FE : Fence)								
Inspector Comment									

No Photos

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.96	Rating **	М	Issue No.		25	
LM End	0.96	Issue Type +	En	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachi	Encroachments			49°	39.177249°	
пеш				-122.9136	19°	-122.913619°	
DWR ID DWR_NA0009_02_f _ 2016_25							
		Comn	nent Cod	de			
BU : Buildi	ng						
		Inspecto	or Comm	nent			
Two 40' shipping containers in the flood way need to be removed.							



View of the shipping container in the floodway.

LM Start	0.97	Rating **	М	Issue No.		7		
LM End	0.98	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory	alegory					End		
Item	Vegetatio	n		39.1772	18°	39.176992°		
пеш				-122.9136	73°	-122.913642°		
DWR ID DWR_NA0009_02_s _ 2012_7								
Comment Code								

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



View of the vegetation at the landside toe.

LM Start	0.99	Rating **	М	Issue No.	3		
LM End	0.99	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS L	atitud	e/Longitude	
				Start		End	
Item	Encroachments			39.1768	35°	39.176835 °	
пеш	item				558°	-122.913558 °	
DWR ID	DWR_NA0	009_02_s _ 201	2_3				
		Comn	nent Cod	de			
TR : Tree	or limb						
Inspector Comment							



View of the tree prunings on the W/S toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	0.99	Rating **	U	Issue No.		2		
LM End	0.99	Issue Type +	En	Location *		LS		
Earthen Levee			GPS La	atitud	e/Longitude			
Category				Start		End		
Item	Encroachments				315°	39.176815°		
item				-122.9135	640°	-122.913540°		
DWR ID DWR_NA0009_02_s _ 2012_2								
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Unpermitted fence and building.								



View of the building & fence along the Landside toe.

LM Start	1.09	Rating **	U	Issue No.		10	
LM End	1.11	Issue Type +	En	Location *	LS		
Earthen Levee			GPS La	atitud	le/Longitude		
Category				Start		End	
Item	Encroachi	ments		39.1754	60°	39.175075°	
item	em				00°	-122.913392°	
DWR ID DWR_NA0009_02_s _ 2013_10							
		Comn	nent Cod	de			
FE : Fence)						
			_				
		Inspecto	or Comm	nent			



View of the unauthorized fence along the landside toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	1.16	Rating **	М	Issue No.		35	
LM End	1.16	Issue Type +	En	Location *		LS	
Catagony	Category Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCI	P Field Study		39.1743	70°	39.174370	0
пеш				-122.9135	43 °	-122.913543	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:42994 DS_ID:21212 EP_NO: 11483

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe appears abandoned and if so, should be done

so properly. Debris blocking flapgate at outlet.

FIELD_STRUCT_DESC: *ABANDONED* 30-inch CM drainpipe through the levee, 17.8 feet below the crown. Slide gate in 44-inch diameter CMP riser waterward slope. Flap gate on the waterward end at concrete headwall. 6'X8' concrete sump at landward toe. (USACE-1961). Originally included in O&M manual (HLM 1.22). This pipe was retained under ABO No. 11483 (1975).

FS Date: 1/22/2014

LM Start	1.16	Rating **	М	Issue No.	35 (cont)
LM End	1.16	Issue Type +	En	Location *	LS

Photo 1 of 2: UCIP_FA_2016_42994_51214.jpg



Slide gate in 44-inch CMP riser on WS shoulder.

Photo 2 of 2: UCIP_FA_2016_42994_51213.jpg



6'X8' concrete sump filled in with soil, visible at LS toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	1.70	Rating **	М	Issue No.		28	
LM End	1.70	Issue Type +	En	Location *		LS	
Category	ental	GPS La	atitud	e/Longitude			
Calegory				Start End			
Item	DWR UCI	P Field Study		39.1671	56°	39.167156°	
пеш				-122.9166	10°	-122.916610°	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:27606 DS_ID:21214 EP_NO: 15825

Repair Type: Non-Urgent Crossing Status: Found

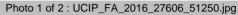
UCIP Comments: Pipe with closure device not visible on WS toe. Clear

soil from pipe and cover for better verification of closure.

FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.0 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Exposed filter at landward slope. Seasonal pump on waterward slope. (Permit No. 15825-1992)

FS Date: 1/22/2014

LM Start	1.70	Rating **	М	Issue No.	28 (cont)
LM End	1.70	Issue Type +	En	Location *	LS





Vent on LS shoulder with filter visible on LS toe.

Photo 2 of 2: UCIP_FA_2016_27606_51249.jpg



T-post at WS toe may indicate location of pipe end. Covered with soil.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	1.92	Rating **	М	Issue No.		18	
LM End	1.92	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		39.1639	12°	39.163912°	
пеш				-122.9166	95°	-122.916695°	
DWR ID DWR_NA0009_02_s _ 2016_18							
		Comn	nent Cod	de			
T1 : Trim t	rees to at I	east five feet	above g	round level.			
		Inspecto	or Comm	nent			
Trim willow trees.							



View of the overgrown willow trees at the landside levee slope.

Rating ** Issue No. LM Start 1.95 Μ 29 Issue Type + Location * LS LM End 1.95 En Supplemental GPS Latitude/Longitude Category Start End DWR UCIP Field Study 39.163509° 39.163509 ° -122.916726 ° -122.916726 ° DWR ID Comment Code

Common Code

Inspector Comment

FS_ID:27607 DS_ID:21253 EP_NO: 18228

Repair Type: Non-Urgent Crossing Status: Not Found

UCIP Comments: Pipe not found and no indication it was installed.

Contact inspector for further info.

FIELD_STRUCT_DESC: To install a 3-inch diameter sewer pipeline through both the east and west levees of Middle Creek with the pipleline encased in a 6-inch diameter sleeve attached to the Hwy 20 Bridge

across Middle Creek. (Permit No. 18228)

FS Date: 1/22/2014

No Photos

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	1.96	Rating **	М	Issue No.		30			
LM End	1.96	Issue Type +	En	Location *		LS			
Category	Supplemental				GPS Latitude/Longitude				
Calegory	Category			Start		End			
Item	DWR UCI	P Field Study		39.1634 ⁻	14°	39.163414°			
пеш				-122.9167	41 °	-122.916741°			
DWR ID						·			

Inspector Comment

Comment Code

FS_ID:27624 DS_ID:21243 EP_NO: 15865

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Permit number likely revised from 15865. Verify with

inspector and modify entry as required.

FIELD_STRUCT_DESC: 8-inch steel sewer line (pressurized) through the levee, 3.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on waterward levee shoulder. Pipe visible under bridge (Permit No. 15865-1991).

FS Date: 1/22/2014

LM Start	1.96	Rating **	М	Issue No.	30 (cont)
LM End	1.96	Issue Type +	En	Location *	LS



Pipe visible under bridge.

Photo 2 of 2: UCIP_FA_2016_27624_51262.jpg



Manhole and vent lids visible on LS shoulder.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.00	Rating **	М	Issue No.		31				
LM End	2.00	Issue Type + En Location *		En Location *		Type + En Location *		En Location *		LS
Category	Supplemental			GPS Latitude/Longitude						
Calegory				Start		End				
Item	DWR UCI	P Field Study		39.16275	3°	39.162753				
пеш				-122.91681	1 °	-122.916811				
DWR ID										

Inspector Comment

Comment Code

FS_ID:27629 DS_ID:21250 EP_NO: 17191

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Appears abandoned, if so it should be done so

properly.

FIELD_STRUCT_DESC: 2 of 2: 2-inch PVC pipe through the levee, 2.0 feet below the crown. Well and electric pump at waterward toe. Pole

and meter(Permit No. 17191-2000)

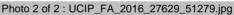
FS Date: 1/22/2014

LM Start	2.00	Rating **	М	Issue No.	31 (cont)
LM End	2.00	Issue Type +	En	Location *	LS

Photo 1 of 2: UCIP_FA_2016_27629_51280.jpg



Meter and control on LS slope next to pole.





Meter and control on LS slope next to pole.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.69	Rating **	С	Issue No.		21	
LM End	2.69	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		39.1533	99°	39.153399	0
item				-122.9157	41 °	-122.915741	0
DWR ID DWR_NA0009_02_s _ 2016_21							
		Comn	nent Cod	de			

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove thick brambles and trim trees to restore visibility and access to LS slope and toe.

LM Start	2.76	Rating **	С	Issue No.		26		
LM End	2.80	Issue Type +	Ma	Location *		LS		
Category	Earthen L		GPS Latitude/Longitude					
Calegory				Start		End		
Item	Animal Control			39.1524	18°	39.151810°		
item				-122.9154	13°	-122.915178°		
DWR ID DWR_NA0009_02_f _ 2016_26								
Comment Code								

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Rodent holes on the landside slope were backfilled.

No Photos

No Photos

LM Start	2.76	Rating **	М	Issue No.		22	
LM End	2.76	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS Lat	tituc	le/Longitude	
Calegory				Start		End	
Item	Trim / Thin Trees			39.15232	2°	39.152322	٥
item				Ma Location * GPS Lati Start 39.152322 -122.915380	° 0	° -122.915380	
DWR ID	DWR_NA0	009_02_s _ 201	6_22				
		Comn	nent Cod	le			

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location

N/A: Not Applicable

LS: Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/27/2016 09/28/2016	Tariq Chechi

LM Start	2.84	Rating **	М	Issue No.		32	
LM End	2.84	Issue Type +	En	Location *		LS	
Category	Suppleme	ental		GPS Latitude/Longitude			
Calegory	ory			Start		End	
Item	DWR UCI	P Field Study		39.1512	57°	39.151257°	
пеш				-122.91490	08°	-122.914908°	
DWR ID							
		Comn	nent Cod	de			

Inspector Comment

FS_ID:27630 DS_ID:21215 EP_NO: 11481

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Soil partially blocking inlet and outlet.

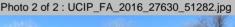
FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). This pipe was retained under ABO No. 11481 (1975).

FS Date: 1/22/2014

LM Start	2.84	Rating **	М	Issue No.	32 (cont)
LM End	2.84	Issue Type +	En	Location *	LS



Concrete headwall and pipe visible at LS toe.





Concrete headwall and flapgate visible at WS berm.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway	Bank	Unit Miles
Unit No. 03 Scotts Creek	Left	1.36

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	5/2/2016 - 5/2/2016		9/28/2016 - 9/28/2016	
DWR Inspector	Keith Millard		Tariq Chechi	
Accompanied By	Tom Smythe Lake County		Will Evans Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.49	Rating **	M	Issue No.		9		
LM End	0.49	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		39.1541	95 °	39.154195°		
пеш				-122.9181	34 °	-122.918134°		
DWR ID DWR_NA0009_03_s _ 2016_9								
		Comn	nent Cod	de				
V2 : Remo	ve the wild	growth other	than na	tive grasse	s fro	m the levee		
		Inspecto	or Comm	nent				



View of the overgrown trees and vegetation at the landside toe.

LM Start	0.49	Rating **	М	Issue No.		8
LM End	0.49	Issue Type +	Ма	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			39.1541	97°	39.154197°
пеш				-122.9181	63°	-122.918163°
DWR ID DWR_NA0009_03_f _ 2016_8						
Comment Code						

V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

LM Start	0.54	Rating **	М	Issue No.		10	
LM End	0.54	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start En		End	
Trim / Thin Trees				39.1547	'06	39.154706	0
пеш				-122.9186	22°	-122.918622	0
DWR ID	DWR ID DWR_NA0009_03_s _ 2016_10						
		Comn	nent Coo	de			
T1 : Trim t	rees to at	east five feet	above g	round level.			
		Inspecto	or Comm	nent			

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.54	Rating **	М	Issue No.		17		
LM End	0.54	Issue Type +	En	Location *	LS			
Category				GPS Latitude/Longitude				
Calegory			Start		End			
Item	DWR UC	P Field Study		39.1547	36°	39.154786°		
пеш				-122.9187)3 °	-122.918703°		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:27863 DS_ID:21217 EP_NO: 11492

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Vegetation at inlet and wooden box failing at LS toe. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends with a wooden retaining wall drop inlet at LS toe (USACE-1961). Originally included in O&M manual (HLM 0.55). This pipe was retained under ABO No. 11492 (1975). USACE O&M DWG No. CC-4-4-29. FS Date: 1/22/2014

 LM Start
 0.54
 Rating **
 M
 Issue No.
 17 (cont)

 LM End
 0.54
 Issue Type +
 En
 Location *
 LS

Photo 1 of 2: UCIP_FA_2016_27863_51542.jpg



Pipe visible at LS toe covered with vegetation.

Photo 2 of 2: UCIP_FA_2016_27863_51541.jpg



Concrete headwall and flapgate visible at WS berm.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.75	Rating **	М	Issue No.		18		
LM End	0.75	Issue Type +	En	Location *	LS			
Category				GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR UCI	P Field Study		39.1574	43 °	39.157443°		
пеш				-122.9201	10°	-122.920110 °		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:27891 DS_ID:21219 EP_NO: 11492

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Appears abandoned and if so should be done so

FIELD_STRUCT_DESC: 4-inch steel pipe through the levee, 2.5 feet below the crown. Siphon breaker in 24-inch CMP riser on LS shoulder. Pump on concrete platform on waterward side. Hose chute and concrete stairway on waterward slope. This pipe was retained under ABO No. 11492 (1975).

FS Date: 1/22/2014

LM Start	0.75	Rating **	М	Issue No.	18 (cont)
LM End	0.75	Issue Type +	En	Location *	LS



Valve visible at bottom of CMP riser on LS shoulder.

Photo 2 of 2: UCIP_FA_2016_27891_51586.jpg



Siphon at LS shoulder inside 24-inch CMP riser.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.77	Rating **	М	Issue No.		19		
LM End	0.77	Issue Type +	En	Location *		LS		
Category				GPS Latitude/Longitude				
Calegory	ry			Start		End		
Item	DWR UCI	P Field Study		39.15775	9°	39.157759	0	
пеш					1 °	-122.920301	0	
DWR ID								

Inspector Comment

Comment Code

FS_ID:27892 DS_ID:21220 EP_NO: 11492

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at inlet.

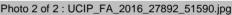
FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Concrete spillway on waterward slope to bottom of channel. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.79). This pipe was retained under ABO No. 11492 (1975).

FS Date: 1/22/2014

LM Start	0.77	Rating **	М	Issue No.	19 (cont)
LM End	0.77	Issue Type +	En	Location *	LS



Concrete headwall visible next to concrete standpipe on LS toe.





Concrete outfall visible off WS berm.

Page 5 of 11

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.84	Rating **	М	Issue No.		14		
LM End	0.89	Issue Type +	Ма	Location *		WS		
Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Trim / Thi	n Trees		39.1585	56°	39.159304°		
iteiii	-122.920674 ° -122.9							
DWR ID DWR_NA0009_03_f _ 2016_14								
		Comn	nent Cod	le				
T2 : Thin t	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.		
		Inspecto	or Comm	ent				



View of the waterside vegetation looking upstream.

LM Start	0.93	Rating **	М	Issue No.		Issue No.		20
LM End	0.93	Issue Type +	ssue Type + En Location *		Location *		WS	
Category				GPS Latitude/Longitude				
Calegory	gory					End		
Item	DWR UCI	P Field Study		39.15973	36°	39.159736°		
item				-122.92104	12°	-122.921042°		
DWR ID								

Comment Code

Inspector Comment

FS_ID:27894 DS_ID:21221 EP_NO: 11488

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Concrete headwall on WS berm is being

undermined. 2-foot of scour under headwall.

FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 16.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.94). This pipe was retained under ABO No. 11488 (1975).

FS Date: 1/22/2014

Photo 1 of 2: UCIP_FA_2016_27894_51599.jpg



Flapgate and headwall off WS toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.93	Rating **	М	Issue No. 20		20 (cont)	_	
LM End	0.93	Issue Type +	En	Location *	WS			
Category Supplemental				GPS Latitude/Longitude				
				Start		End		
ltom	DWR UCI	P Field Study		39.1597	36°	39.159736	0	
пеш	Item			-122.9210	42 °	-122.921042	0	
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:27894 DS_ID:21221 EP_NO: 11488

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Concrete headwall on WS berm is being

undermined. 2-foot of scour under headwall.

FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 16.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.94).

This pipe was retained under ABO No. 11488 (1975).

FS Date: 1/22/2014



Concrete headwall on LS toe.

LM Start	0.98	Rating **	С	Issue No.	15	
LM End	0.98	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Category			Start		End	
Item	Animal Co	ontrol		39.1600	74°	39.160074°
item				-122.9219	88 °	-122.921988 °
DWR ID DWR_NA0009_03_f _ 2016_15						
Comment Code						

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA backfilled rodent holes.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.99	Rating **	M	Issue No.		21		
LM End	0.99	Issue Type +	En	Location *	LS			
Category				GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR UC	IP Field Study		39.1601	29°	39.160129°		
пеш				-122.9221	17°	-122.922117°		
DWR ID								

Comment Code

Inspector Comment

FS_ID:27903 DS_ID:21248 EP_NO: 11488

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Siphon breaker standpipe knocked over and covered with dirt. Pipe and appurtances appear to be in disrepair. Gate valves next to tank broken.

FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Siphon breaker in 24-cmp riser on LS shoulder. Screw gate on waterside slope next to pump and 300-gallon tank. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.02). This pipe was retained under ABO No. 11488 (1975).

FS Date: 1/22/2014

LM Start	0.99	Rating **	М	Issue No.	21 (cont)
LM End	0.99	Issue Type +	En	Location *	LS

Photo 1 of 2: UCIP_FA_2016_27903_51622.jpg



Pump at concrete pad on WS berm.

Photo 2 of 2: UCIP_FA_2016_27903_51621.jpg



Gate valves at tank appear to be in disrepair.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	0.99	Rating **	М	Issue No.		22	
LM End	0.99	Issue Type +	En	Location *		LS	
Category Supplemental				GPS Latitude/Longitude			
				Start		End	
Item	DWR UCI	P Field Study		39.1601	17°	39.160117°	
пеш	tem			-122.9221	44 °	-122.922144°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:27943 DS_ID:21222 EP_NO: 11488

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some vegetation buildup at inlet and outlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 14.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.01). This pipe was retained under ABO No. 11488 (1975).

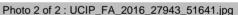
FS Date: 1/22/2014

LM Start	0.99	Rating **	М	Issue No.	22 (cont)
LM End	0.99	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_27943_51642.jpg



Concrete Headwall on WS berm.





Headwall and flapgate on WS berm.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	1.07	Rating **	М	Issue No.	23		
LM End	1.07	Issue Type +	En	Location *	LS		
Category			GPS Latitude/Longitude				
Category				Start		End	
Item	DWR UCI	IP Field Study		39.15980)3 °	39.159803°	
пеш				-122.92350)1 °	-122.923501 °	
DWR ID							

Comment Code

Inspector Comment

FS_ID:27944 DS_ID:21223 EP_NO: 11489

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sedimentation buildup at inlet and through pipe. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.09). This pipe was retained under ABO No. 11489 (1975).

FS Date: 1/22/2014

LM Start	1.07	Rating **	М	Issue No.	23 (cont)
LM End	1.07	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_27944_51646.jpg



Flasher on crown marks pipe location.

Photo 2 of 2: UCIP_FA_2016_27944_51645.jpg



Flapgate and headwall visible on WS toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Otant	1.07	Rating **	U	Issue No.		13		
LM Start	1.07	raing	- 0	13306 140.		13		
LM End	1.13	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Odlogory				Start		End		
Itom	ltem Encroachments			39.1597	89°	39.159613°		
item				-122.923515 °		-122.924643°		
DWR ID DWR_NA0009_03_s _ 2016_13								
		Comn	nent Cod	de				
AV : Abandoned vehicles								
Inspector Comment								
Junk yard full of abandoned vehicles, some stacked at levee toe obostructing visibility and access to levee toe.								



5/2/2016: Vehicle junk yard behind fence covered in dense growth of bushes and vines.

LM Start	1.07	Rating **	U	Issue No.		12		
LM End	1.13	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		39.1597	'87 °	39.159616°		
item			-122.923517°		-122.924645 °			
DWR ID DWR_NA0009_03_s _ 2016_12								
		Comn	nent Cod	de				
V6 : Landscaping								
Inspector Comment								
Dense vegetation growing on fence blocks visibility and access.								



5/2/2016: Dense bushes and vines covering fence along vehicle junk

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/28/2016 09/28/2016	Tariq Chechi

LM Start	1.07	Rating **	U	Issue No.		11	
LM End	1.13	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		39.1597	'83 °	39.159615°	
item				-122.9235	17°	-122.924645 °	
DWR ID DWR_NA0009_03_s _ 2016_11							
		Comn	nent Cod	le			
FE : Fence)						
		Inspecto	or Comm	ent			



5/2/2016: Fence along vehicle junk yard is covered in dense growth of bushes and vines.

LM Start	1.35	Rating **	С	Issue No.		16	
LM End	1.35	Issue Type +	Ма	Location *		CR	
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
Item	Slope Stability			39.1613	89°	39.161389°	
пеш				-122.9280	50°	-122.928050 °	
DWR ID DWR_NA0009_03_f _ 2016_16							
Comment Code							

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

No Photos

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway	Bank	Unit Miles
Unit No. 04 Page, Alley and Clover Creek D	viversion Right	1.49

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	5/2/2016 - 5/2/2016		9/27/2016 - 9/27/2016	
DWR Inspector	Keith Millard		Tariq Chechi	
Accompanied By	Tom Smythe Lake County		Will Evans Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.05	Rating **	С	Issue No.		11			
LM End	0.51	Issue Type +	Ma	Location *	LS				
Earthen Levee				GPS Latitude/Longitude					
Category			Start		End				
Item	Vegetation			39.1764	42 °	39.176407°			
пеш				-122.9115	44 °	-122.903027 °			
DWR ID	DWR_NA0	009_04_s _ 201	6_11						
	Comment Code								
V2 : Remove the wild growth other than native grasses from the levee slopes.									

Inspector Comment

LMA mowed vegetation on the landside levee slope.

LM Start	0.53	Rating **	М	Issue No.		15		
LM End	0.53	Issue Type +	En	Location *	LS			
Category				GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR UCIP Field Study		39.1764	10°	39.176410	•		
пеш				-122.9027	40°	-122.902740	0	
DWR ID								
Comment Code								

Inspector Comment

FS_ID:26907 DS_ID:21226 EP_NO: 6303 Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: Pipe open on waterwardside and should be plugged. FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 1.5-feet below the crown. Steel cutoff wall around the pipe at center of levee. Pipe connects to 4-inch exposed aluminum pipe connected to upstream side of bridge (Permit No. 6303, -A, 1969).

FS Date: 1/9/2014

No Photos



Pipe open on waterward end.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.53	Rating **	М	Issue No.		15 (cont)	
LM End	0.53	Issue Type + En		Location *		LS	
Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCIP Field Study				10°	39.176410°	
пеш					40 °	-122.902740 °	
DWR ID							

Inspector Comment

Comment Code

FS_ID:26907 DS_ID:21226 EP_NO: 6303

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe open on waterwardside and should be plugged. FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 1.5-feet below the crown. Steel cutoff wall around the pipe at center of levee. Pipe connects to 4-inch exposed aluminum pipe connected to upstream side of bridge (Permit No. 6303, -A, 1969).

FS Date: 1/9/2014



Pipe visible on upstream side of bridge.

LM Start	0.74	Rating **	N	Issue No.		14			
LM End	0.74	Issue Type +	Ma	Location *	LS				
Category	Earthen Levee			GPS La	le/Longitude				
Calegory				Start		End			
Item	Trim / Thi	Trim / Thin Trees			78°	39.177678°			
item				-122.89909	97 °	-122.899097°			
DWR ID	DWR_NA0	009_04_f _ 201	6_14						
Comment Code									
TF . Troo	TE : Trop otumpo								

T5: Tree stumps.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.75	Rating **	U	Issue No.	16				
LM End	0.75	Issue Type +	En	Location *	LS				
Category Supplemental				GPS Latitude/Longitude					
Calegory				Start		End			
Item	DWR UCI	P Field Study		39.17767	76 °	39.177676°			
пеш				-122.89891	7°	-122.898917°			
DWR ID					·				
	Comment Code								

Inspector Comment

FS_ID:43043 DS_ID:21227 EP_NO: 11501 Repair Type: Urgent Crossing Status: Found

UCIP Comments: Pipe rusted through at connection to flapgate. Good indication pipe may need replacement. Video inspection recommended. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 13.8 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in the 1961 O&M manual This pipe was retained under ABO No. 11501 (1975).

FS Date: 1/9/2014

LM Start	0.75	Rating **	U	Issue No.	16 (cont)
LM End	0.75	Issue Type +	En	Location *	LS



Drainage canal at inlet on LS toe.



Pipe and concrete headwall visible in drainage channel on LS toe.

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

Page 4 of 6

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.93	Rating **	М	Issue No.		5				
LM End	0.93	Issue Type +	Ma	Location *		LS				
Category	Earthen L	evee		GPS La	atitud	le/Longitude				
Calegory		Start		End						
Item	39.1789	53°	39.178953							
item				-122.896629°		-122.896629				
DWR ID	DWR ID DWR_NA0009_04_s _ 2016_5									
		Comn	nent Cod	de						
T1: Trim t	rees to at I	east five feet	above g	round level.						
		Inspecto	or Comm	nent						

No Photos

LM Start	1.05	Rating **	М	Issue No.	2		
LM End	1.08	Issue Type +	Ма	Location *	LS		
Category	Earthen L	GPS Latitude/Longitude					
Calegory			Start		End		
Item	Trim / Thin Trees			39.1804	79°	39.180857°	
item			-122.8965	67°	-122.896165 °		
DWR ID	ID DWR_NA0009_04_s _ 2012_2						
Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Trim the trees up 5 feet for better visibility.

	LM Start	1.19	Rating **	С	Issue No.		9		
	LM End	1.26	Issue Type +	Ma	Location *		LS		
	Category Earthen Levee				GPS Latitude/Longitude				
	Calegory		Start		End				
Vegetation			n		39.1821	54°	39.182951	0	
	item		Start /egetation	05°	-122.894409	0			
	DWR ID	DWR_NA0	009_04_s _ 201	2_9					
	Comment Code								

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

	4.40	D-4: **		Innun Nin		
LM Start	1.19	Rating **	М	Issue No.		13
LM End	1.25	Issue Type +	En	Location *		LS
Category	Catagoria Earthen Levee			GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Encroachi	ments		39.1821	61°	39.182862°
item			-122.894983° -122.894			
DWR ID DWR_NA0009_04_f _ 2016_13						
		Comn	nent Cod	de		
DT : Ditch						
		Inspecto	or Comm	nent		

Photo 1 of 1 : FA_2016_NA0009_6_13_20161003_00016.jpg



View of a ditch at the landside toe looking downstream.

LM Start	1.27	Rating **	С	Issue No.		12	
LM End	1.27	Issue Type +	Ma	Location *		LS	
Catagory	Category Earthen Levee			GPS Latitude/Longitude			
Category		Start		End			
Item	Trim / Thi	Trim / Thin Trees			23°	39.183123°	
пеш				-122.8941	34°	-122.894134°	
DWR ID	DWR_NA0	009_04_f _ 201	6_12				
Comment Code							
T4 Toler (- I				

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	1.33	Rating **	М	Issue No.		8
LM End	1.40	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		39.1837	08°	39.184717°
item				-122.8934	-122.893418 °	
DWR ID	DWR_NA0	009_04_s _ 201	6_8			
		Comn	nent Cod	de		
T1 : Trim t	rees to at I	east five feet	above g	round level.		
			_			
		Inspecto	or Comm	nent		
Orchard trees obstruct visibility and access to LS.						



5/2/2016: Trim trees to allow visibility and access to L/S slope and toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/27/2016 09/27/2016	Tariq Chechi

LM Start	1.42	Rating **	М	Issue No.		10	
LM End	1.42	Issue Type +	En	Location *	WS		
Category Earthen Levee			GPS La	atitud	le/Longitude		
Calegory				Start		End	
Item	Encroach	ments		39.1850	74°	39.185074°	
item				-122.893382 ° -122.8933			
DWR ID DWR_NA0009_04_f _ 2016_10							
		Comn	nent Cod	de			
DE : Debri	S						
			_				
		Inspecto	or Comm	nent			



View of the prunings and soil pile on the waterside berm looking donwstream.

LM Start	1.43	Rating **	М	Issue No.		4	
LM End	1.46	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		39.1851	83°	39.185568°	
пеш				-122.8933	84°	-122.893348°	
DWR ID DWR_NA0009_04_f _ 2016_4							
		Comn	nent Cod	de			
V6 : Lands	caping						
		Inspecto	or Comm	nent			
Oleanders blocking visability.							



View of the Oleanders looking downstream.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Lake County Watershed Protection District

Waterway	Bank	Unit Miles
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	5/2/2016 - 5/2/2016		9/27/2016 - 9/27/2016	
DWR Inspector	Keith Millard		Tariq Chechi	
Accompanied By	Tom Smythe Lake County		Will Evans Lake County	

Summer & Winter Inspections

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- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.30	Rating **	М	Issue No.		3
LM End	0.30	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	n		39.1769	57°	39.176957°
item				-122.8986	98673 ° -122.898	
DWR ID DWR_NA0009_05_s _ 2012_3						
		Comn	nent Cod	de		
V4 : Elderk	perries are	blocking visib	ility and	flood fight	сара	bility.
		Inspecto	or Comm	nent		



View of the elderberry along the landside toe.

LM Start	0.31	Rating **	M	Issue No.		16
LM End	0.31	Issue Type +	En	Location *		LS
Category			GPS Latitude/Longitude			
Calegory			Start		End	
Itom	DWR UCI	P Field Study		39.1770	76°	39.177076°
Item				-122.8988	79°	-122.898879°
DWR ID						·

Comment Code

Inspector Comment

FS_ID:26897 DS_ID:21235 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at LS toe.

FIELD_STRUCT_DESC: 1 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwall on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

Photo 1 of 2: UCIP_FA_2016_26897_49712.jpg



Slide gate at steel walkway on WS toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.31	Rating **	М	Issue No.	16 (cont)			
LM End	0.31	Issue Type +	En	Location *		LS		
Catagony	Supplemental				GPS Latitude/Longitude			
Calegory			Start		End			
Item	DWR UC	P Field Study		39.1770	76°	39.177076°		
пеш				-122.8988	79°	-122.898879 °		
DWR ID	WR ID							
	Comment Code							

Inspector Comment

FS_ID:26897 DS_ID:21235 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at LS toe.

FIELD_STRUCT_DESC: 1 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwall on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014



Outlet visible at concrete headwall on LS toe.

LM Start	0.31	Rating **	М	Issue No.	17		
LM End	0.31	Issue Type +	En	Location *	LS		
Category	Suppleme	GPS Latitude/Longitude					
Category				Start		End	
Item	DWR UCI	P Field Study		39.1770	74°	39.177074°	
item				-122.8989	02°	-122.898902°	
DWR ID	VR ID						
Comment Code							

Inspector Comment

FS_ID:26891 DS_ID:21234 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup on LS toe.

FIELD_STRUCT_DESC: 2 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwalls on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

Photo 1 of 2: UCIP_FA_2016_26891_49682.jpg



Slide gate on steel walkway at WS toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.31	Rating **	М	Issue No.	17 (cont)		
LM End	0.31	Issue Type +	En	Location *	LS		
Category	ental	GPS Latitude/Longitude					
Calegory				Start		End	
Item	DWR UCI	P Field Study		39.1770	74°	39.177074°	
пеш				-122.8989)2 °	-122.898902°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:26891 DS_ID:21234 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup on LS toe.

FIELD_STRUCT_DESC: 2 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwalls on both ends. Originally included in 1961 O+M manual. Structure and pipes

retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014



Outlet visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	М	Issue No.	15	
LM End	0.32	Issue Type +	En	Location *	LS	
Category	Suppleme	ental	GPS Latitude/Longitude			
Category				Start		End
Item	DWR UC	IP Field Study		39.1770	78°	39.177078°
пеш				-122.8989	26°	-122.898926°
DWR ID						

Comment Code

Inspector Comment

FS_ID:26888 DS_ID:21233 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 3 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends. Steel slide gate plate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

Photo 1 of 2: UCIP_FA_2016_26888_49666.jpg



Steel slide gate visible at concrete headwall on WS toe.

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Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.32	Rating **	М	Issue No.	15 (cont)				
LM End	0.32	Issue Type +	En	Location *	LS				
Category	Supplemental				GPS Latitude/Longitude				
Calegory		Start		End					
Item	DWR UCI	P Field Study		39.1770	78°	39.177078			
пеш				-122.8989	26°	-122.898926			
DWR ID	VR ID								
	Comment Code								

Inspector Comment

FS_ID:26888 DS_ID:21233 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 3 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends. Steel slide gate plate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014



Outlet visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	М	Issue No.		Issue No.		14
LM End	0.32	Issue Type +	En	Location *		LS		
Category	Supplemental			GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR UCI	P Field Study		39.1770	74°	39.177074°		
item				-122.8989	49°	-122.898949 °		
DWR ID								

Inspector Comment

Comment Code

FS_ID:26885 DS_ID:21232 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 4 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends [Clover Creek Diversion Structure] . Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

Photo 1 of 2: UCIP_FA_2016_26885_49634.jpg



Steel plate slide gate visible at headwall on WS toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.32	Rating **	М	Issue No.	14 (cont)				
LM End	0.32	Issue Type +	En	Location *		LS			
Catagony	Supplemental				GPS Latitude/Longitude				
Calegory			Start		End				
Item	DWR UC	P Field Study		39.1770	74°	39.177074°			
пеш				-122.8989	49°	-122.898949 °			
DWR ID	VR ID								
Comment Code									

Inspector Comment

FS_ID:26885 DS_ID:21232 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 4 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends [Clover Creek Diversion Structure]. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507

(1975). FS Date: 1/9/2014



Outlet visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	М	Issue No.		13
LM End	0.32	Issue Type +	En	Location *		LS
Category	Supplemental			GPS Latitude/Longitude		
Category	tegory		Start		End	
Item	DWR UCI	IP Field Study		39.1770	70°	39.177070°
пеш				-122.8989	67°	-122.898967 °
DWR ID						

Inspector Comment

Comment Code

FS_ID:26883 DS_ID:21231 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup on LS toe.

FIELD_STRUCT_DESC: 5 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends [Clover Creek Diversion Structure]. Steel slide gate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

Photo 1 of 2: UCIP_FA_2016_26883_49622.jpg



Metal slide gate visible at concrete headwall on WS toe.

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Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.32	Rating **	М	Issue No.	13 (cont)			
LM End	0.32	Issue Type +	En	Location *	LS			
Category				GPS Latitude/Longitude				
Calegory			Start		End			
ltom	Item DWR UCIP Field Study			39.17707	o°	39.177070 °		
пеш				-122.898967 °		-122.898967°		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:26883 DS_ID:21231 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup on LS toe.

FIELD_STRUCT_DESC: 5 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends [Clover Creek Diversion Structure]. Steel slide gate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014



Pipe visible at concrete headwall on LS toe.

LM Start 0.32 Rating ** Issue No. Μ 12 Issue Type + Location * LS LM End 0.32 Fn Supplemental GPS Latitude/Longitude Category Start End DWR UCIP Field Study 39.177066 39 177066 ° Item -122.898986 ° -122.898986 ° DWR ID Comment Code

Inspector Comment

FS_ID:26877 DS_ID:21229 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 6 of 6: 36-inch CM pipe through the levee, 12.0 feet below the crown [Clover Creek Diversion Structure]. Concrete headwall on both ends. Steel slide gate covers WS inlet. Structure and pipes retained under ABO Permit No. 11507 (1975). Originally included in 1961 O+M manual. FS Date: 1/9/2014

Photo 1 of 2: UCIP_FA_2016_26877_49610.jpg



Steel slide gate visible at headwall on WS toe.

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.32	Rating **	М	Issue No.		12 (cont)		
LM End	0.32	Issue Type +	En	Location *	LS			
Supplemental				GPS Latitude/Longitude				
Category			Start		End			
ltem DWR UCIP Field Study				39.177066°		39.177066°		
				-122.898986 °		-122.898986°		
DWR ID						·		
Comment Code								

Inspector Comment

FS_ID:26877 DS_ID:21229 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe.
FIELD_STRUCT_DESC: 6 of 6: 36-inch CM pipe through the levee,
12.0 feet below the crown [Clover Creek Diversion Structure]. Concrete headwall on both ends. Steel slide gate covers WS inlet. Structure and pipes retained under ABO Permit No. 11507 (1975). Originally included in 1961 O+M manual.

FS Date: 1/9/2014



Concrete headwall on LS toe.

LM Start	0.63	Rating **	M	Issue No.	10		
LM End	0.63	Issue Type +	En	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Category			Start		End		
Item	Encroachments			39.17575	8°	39.175758°	
item				-122.90435	3°	-122.904353°	
DWR ID	DWR_NA0	009_05_s _ 201					
Comment Code							
DE : Debris							

Inspector Comment

Remove prunings and wooden lumber debris.

Photo 1 of 1 : FA_2016_NA0009_7_10_20160823_00002.jpg



5/2/2016: Remove prunings and lumber debris from L/S toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/27/2016 09/27/2016	Tariq Chechi

LM Start	0.90	Rating **	М	Issue No.		11		
LM End	0.90	Issue Type +	Ma	Location *		WS		
Cotogoni	Earthen Levee			GPS La	atitud	e/Longitude		
Category			Start		End			
Item	Animal Control			39.1757	79°	39.175779°		
item				-122.909325°		-122.909325 °		
DWR ID DWR_NA0009_05_f _ 2016_11								
		Comn	nent Cod	de				
A1 : Exterminate rodents and backfill and compact or grout burrows.								
Inspector Comment								



View of the rodent holes along the landside slope.

LM Start	1.02	Rating **	М	Issue No.		4		
LM End	1.02	Issue Type +	Ma	Location *		LS		
Category	Earthen L		GPS Latitude/Longitude					
Calegory			Start		End			
Trim / Thin Trees				39.175718°		39.175718°		
пеш				-122.911618°		-122.911618°		
DWR ID DWR_NA0009_05_f _ 2016_4								
	Comment Code							
T2 : Thin to	T2: Thin trees to allow visibility of the ground and room to flood fight.							
	Inspector Comment							



Trim/remove trees to allow visibility along landside slope.